What is claimed is:

1. A compound which is crystalline carvedilol hydrobromide monohydrate.

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- 2. The compound according to claim 1 having an x-ray diffraction pattern as substantially shown in Figure 1.
- 3. The compound according to claim 2 having characteristic peaks from 0° degrees 2-theta (2θ) to 35° degrees 2-theta (2θ) at about 6.5 ± 0.2 (2θ), 10.3 ± 0.2 (2θ), 15.7 ± 0.2 (2θ), 16.3 ± 0.2 (2θ), 19.8 ± 0.2 (2θ), 20.1 ± 0.2 (2θ), 21.9 ± 0.2 (2θ), 25.2 ± 0.2 (2θ), and 20.6 ± 0.2 (2θ).
- 4. The compound according to claim 1 having an infrared spectrum, which comprises characteristic absorption bands expressed in wave numbers as substantially shown in Figure 6.
 - 5. The compound according to claim 1 having a Raman spectrum, which comprises characteristic peaks as shown in Figure 3.

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- 6. A compound which is carvedilol hydrobromide dioxane solvate.
- 7. The compound according to claim 6 having an x-ray diffraction pattern as substantially shown in Figure 78.
 - 8. The compound according to claim 7 having characteristic peaks from 0° degrees 2-theta (20) to 35° degrees 2-theta (20) at about 7.7 ± 0.2 (20), 8.4 ± 0.2 (20), 15.6 ± 0.2 (20), 17.0 ± 0.2 (20), 18.7 ± 0.2 (20), 19.5 ± 0.2

9. A compound which is carvedilol hydrobromide 1-pentanol solvate.

10. The compound according to claim 9 having an x-ray diffraction pattern as substantially shown in Figure 79.

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- 11. The compound according to claim 10 having characteristic peaks from 0° degrees 2-theta (2 θ) to 35° degrees 2-theta (2 θ) at about 7.5 ± 0.2 (2 θ), 7.8 ± 0.2 (2 θ), 15.2 ± 0.2 (2 θ), 18.9 ± 0.2 (2 θ), 22.1 ± 0.2 (2 θ), and 31.4 ± 0.2 (2 θ).
- 12. A compound which is carvedilol hydrobromide 2-methyl-1-propanol solvate.
- 13. The compound according to claim 12 having an x-ray diffraction pattern as substantially shown in Figure 80.
- 14. The compound according to claim 13 having characteristic peaks from 0° degrees 2-theta (20) to 35° degrees 2-theta (20) at about 7.8 ± 0.2 (20), 8.1 ± 0.2 (20), 16.3 ± 0.2 (20), 18.8 ± 0.2 (20), 21.8 ± 0.2 (20), and 28.5 ± 0.2 (20).
 - 15. A compound which is carvedilol hydrobromide trifluoroethanol solvate.
 - 16. The compound according to claim 15 having an x-ray diffraction pattern as substantially shown in Figure 81.
- 17. The compound according to slaim 16 having characteristic peaks from 0° degrees 2-theta (20) to 35° degrees 2-theta (20) at about 7.7 ±

0.2 (20), 8.4 \pm 0.2 (20), 15.6 \pm 0.2 (20), 16.9 \pm 0.2 (20), 18.9 \pm 0.2 (20), 21.8 \pm 0.2 (20), 23.3 \pm 0.2 (20), 23.8 \pm 0.2 (20), and 32.7 \pm 0.2 (20).

- 18. A compound which is carvedilol hydrobromide 2-propanol solvate.
 - 19. The compound according to claim 18 having an x-ray diffraction pattern as substantially shown in Figure 82.
- 10 20. The compound according to claim 19 having characteristic peaks from 0° degrees 2-theta (20) to 35° degrees 2-theta (20) at about 7.9 ± 0.2 (20), 8.3 ± 0.2 (20), 18.8 ± 0.2 (20), 21.7 ± 0.2 (20), 23.2 ± 0.2 (20), 23.6 ± 0.2 (20), and 32.1 ± 0.2 (20).
- 15 21. A compound which is carvedilol hydrobromide n-propanol solvate #1.
 - 22. The compound according to claim 21 having an x-ray diffraction pattern as substantially shown in Figure 46.

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23. The compound according to claim 22 having characteristic peaks from 0° degrees 2-theta (20) to 35° degrees 2-theta (20) at about 7.9 ± 0.2 (20), 8.5 ± 0.2 (20), 17.0 ± 0.2 (20), 18.8 ± 0.2 (20), 21.6 ± 0.2 (20), 23.1 ± 0.2 (20), 23.6 ± 0.2 (20), and 21.2 ± 0.2 (20).

- 24. A compound which is carvedilol hydrobromide n-propanol solvate #2.
- 25. The compound according to claim 24 having an x-ray diffraction pattern as substantially shown in Figure 54.

26. The compound according to claim 25 having characteristic peaks from 0° degrees 2-theta (20) to 35° degrees 2-theta (20) at about 8.0 ± 0.2 (20), 18.8 ± 0.2 (20), 21.6 ± 0.2 (20), 23.1 ± 0.2 (20), 25.9 ± 0.2 (20), 27.2 ± 0.2 (20), 30.6 ± 0.2 (20), and 32.2 ± 0.2 (20).

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- 27. A compound which is carvedilol hydrobromide ethanol solvate.
- 28. The compound according to claim 27 having an x-ray diffraction pattern as substantially shown in Figure 70.
 - 29. The compound according to claim 28 having characteristic peaks from 0° degrees 2-theta (20) to 35° degrees 2-theta (20) at about 8.1 ± 0.2 (20), 8.6 ± 0.2 (20), 13.2 ± 0.2 (20), 17.4 ± 0.2 (20), 18.6 ± 0.2 (20), 21.8 ± 0.2 (20), 23.2 ± 0.2 (20), 23.7 ± 0.2 (20), and 27.4 ± 0.2 (20).
 - 30. A compound which is carvedilol hydrobromide anhydrous.
- 31. The compound according to claim 30 having an x-ray diffraction pattern as substantially shown in Figure 62.
 - 32. The compound according to claim 31 having characteristic peaks from 0° degrees 2-theta (20) to 35° degrees 2-theta (20) at about 6.6 ± 0.2 (20), 16.1 ± 0.2 (20), 17.3 ± 0.2 (20), 21.2 ± 0.2 (20), 22.1 ± 0.2 (20), 24.1 ± 0.2 (20), and 27.9 ± 0.2 (20).
 - 33. The compound according to claim 30 having an infrared spectrum, which comprises characteristic absorption bands expressed in wave numbers as substantially shown in Figure 67.

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34. The compound according to claim 30 having a Raman spectrum, which comprises characteristic peaks as substantially shown in Figure 64.

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- 35. A pharmaceutical composition, comprising the compound according to claim 1 and a pharmaceutically acceptable carrier.
- 36. A pharmaceutical composition, comprising the compound according to claim 30 and a pharmaceutically acceptable carrier.

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37. A method of treating hypertension, congestive heart failure, or angina, which comprises administering to a subject in need thereof an effective amount of a compound according to claim 1.

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- 38. A method of treating hypertension, congestive heart failure, or angina, which comprises administering to a subject in need thereof an effective amount of a compound according to claim 30.
- 39. A method of treating hypertension, congestive heart failure, or angina, which comprises administering to a subject in need thereof an effective amount of a pharmaceutical composition according to claim 35.
 - 40. A method of treating hypertension, congestive heart failure, or angina, which comprises administering to a subject in need thereof an effective amount of a pharmaceutical composition according to claim 36.